

### CLAIMS CURRENTLY ON APPEAL

46. A cell migration assay procedure comprising measuring the migration of cells across a radiation opaque membrane wherein said procedure is non-destructive of said cells.

47. An assay procedure of claim 46 including the further steps of:  
placing said cells in a first chamber;  
labeling said cells in said first chamber;  
separating said first chamber from said second chamber with said radiation opaque membrane; and  
wherein said measuring step includes measuring cell presence in said second chamber by detecting said labeled cells in second chamber without substantially detecting said labeled cells in said first chamber.

48. An assay procedure of claim 47 further including the step of inducing said migration of cells across said radiation opaque membrane.

49. An assay procedure of claim 48 wherein said inducing step includes placing a chemical agent in said second chamber capable of creating a chemotactic reaction with said cells.

50. An assay procedure of claim 47 wherein said labeling step includes labeling said cells with a die.